

FIG. 1

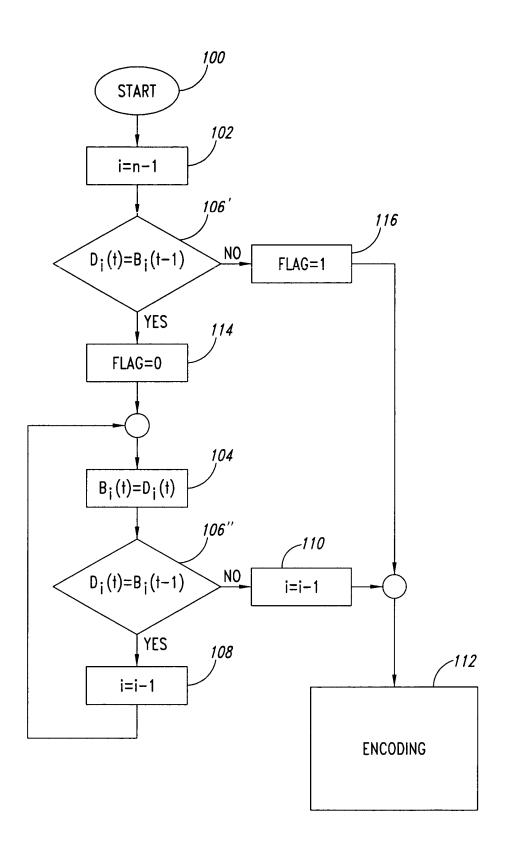
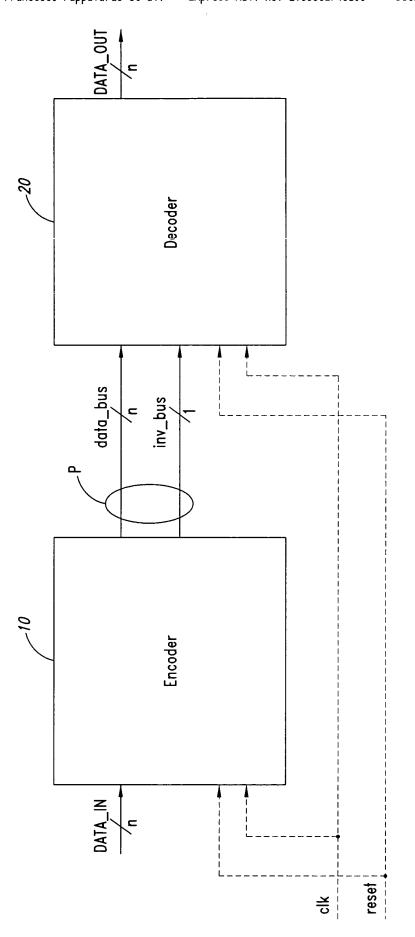


FIG. 2



F1G. 3

Inventor(s): Francesco Pappalardo et al.

Express Mail No. EV336617481US

Docket No. 851763.439

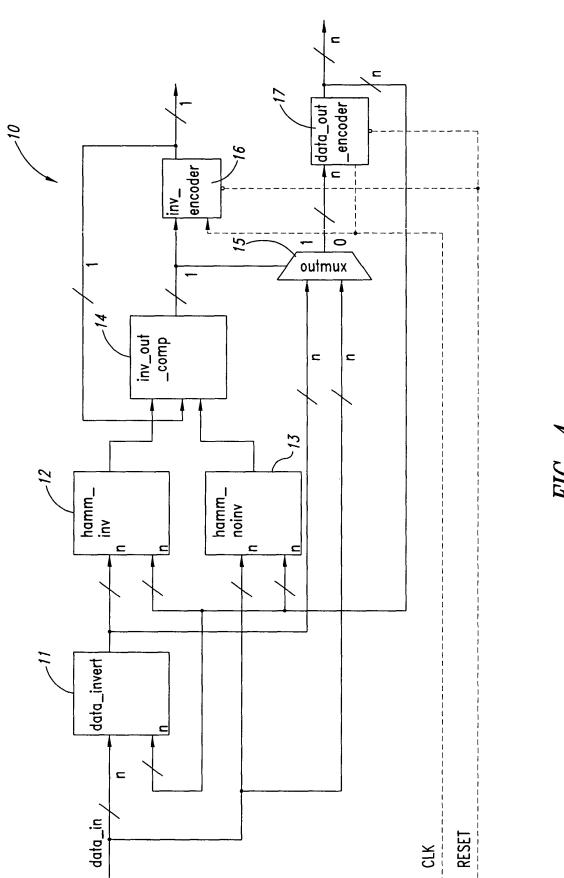
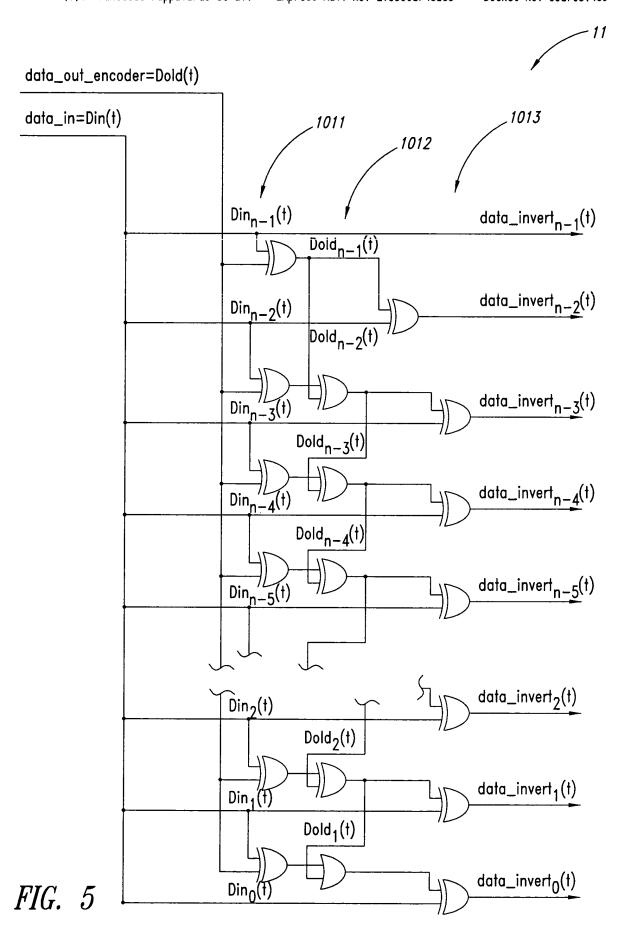


FIG. 4

#### Title: PROCESS AND DEVICES FOR TRANSMITTING DIGITAL SIGNALS OVER

BUSES AND COMPUTER PROGRAM PRODUCT THEREFORE



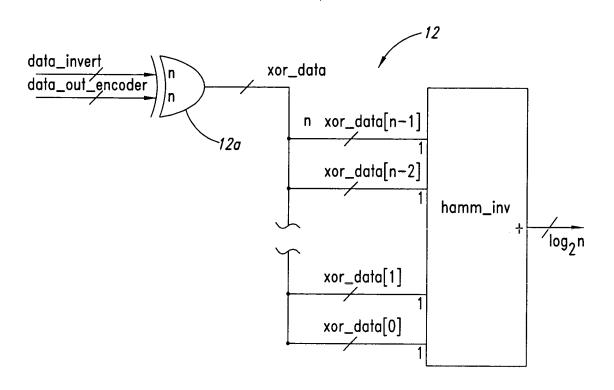


FIG. 6

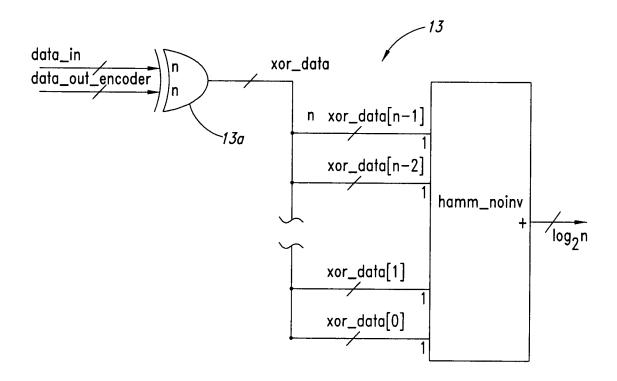
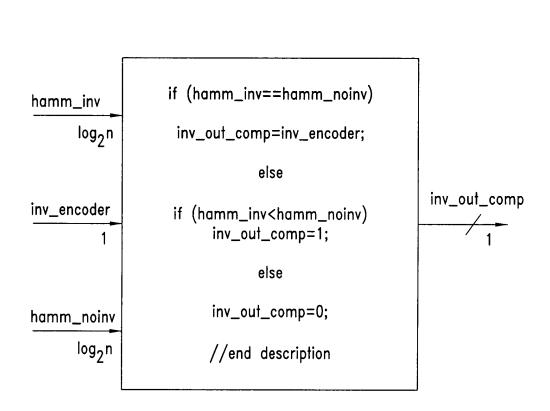
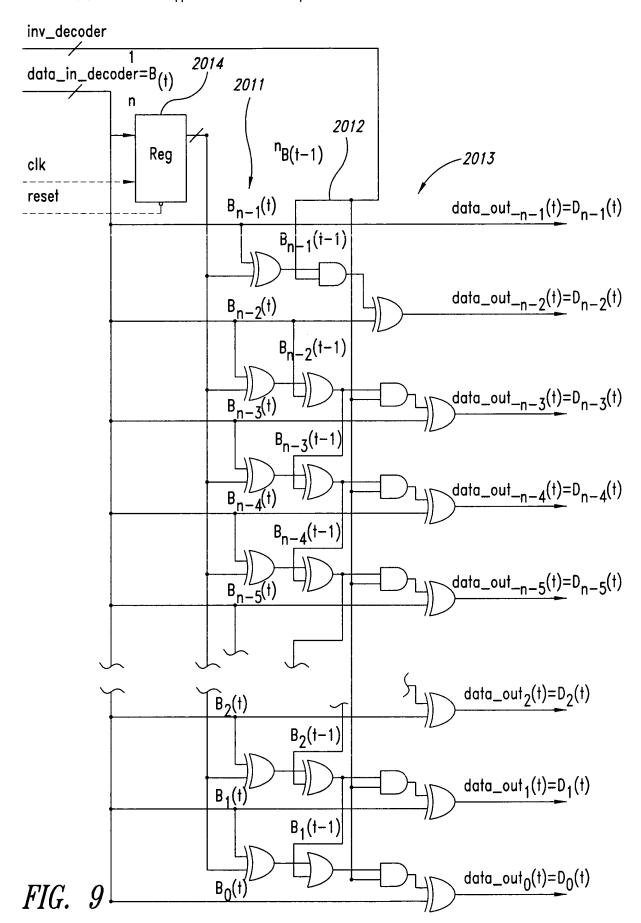


FIG. 7

#### Title: PROCESS AND DEVICES FOR TRANSMITTING DIGITAL SIGNALS OVER

BUSES AND COMPUTER PROGRAM PRODUCT THEREFORE





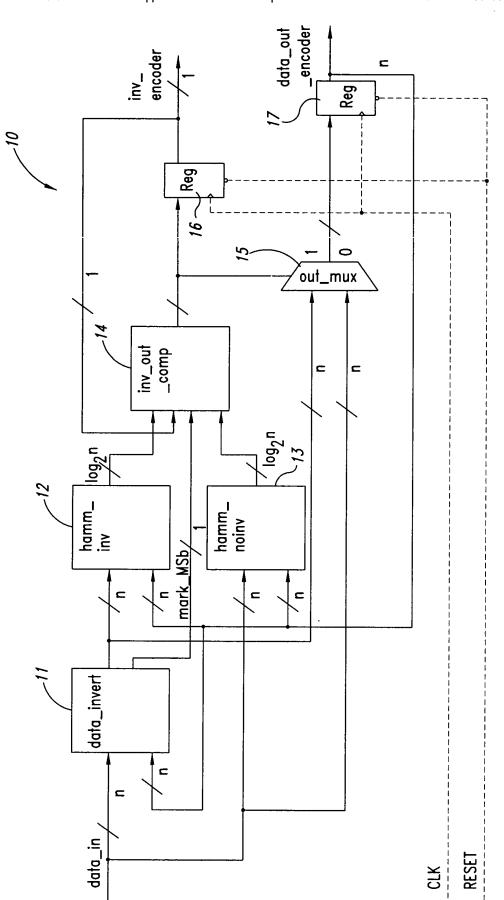
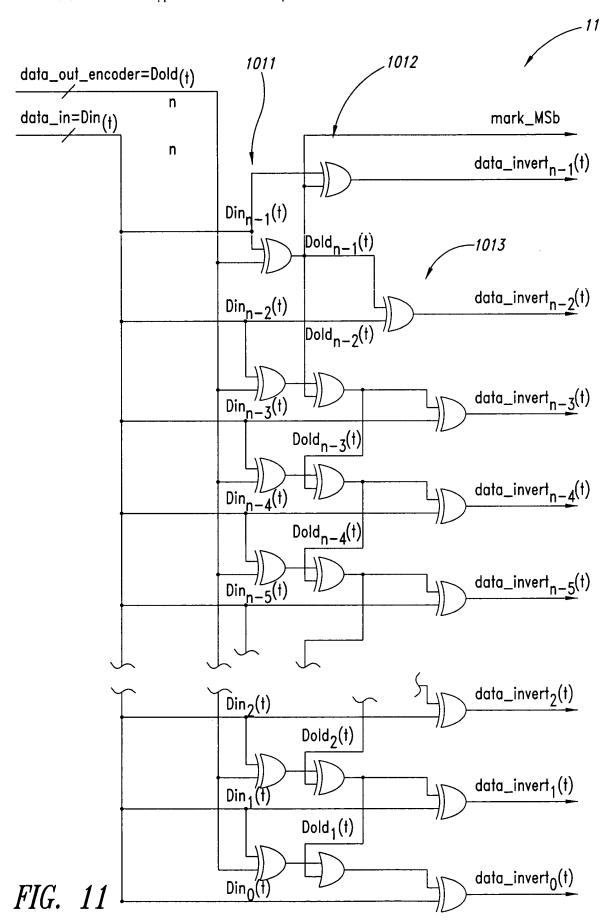


FIG. 10



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if (hamm\_inv==hamm\_noinv) hamm\_inv begin if((mark\_MSb==0)&(inv\_encoder≠1)or  $log_2n$ (mark\_MSb==1)&(inv\_encoder≠ 0,5)inv\_out\_comp=inv\_encoder; else inv\_encoder inv\_out\_comp=0; end else inv\_out\_comp if (hamm\_inv<hamm\_noinv)</pre> begin  $if(mark\_MSb==0)$ inv\_out\_comp=0,5; else inv\_out\_comp=1; end else hamm\_noinv inv\_out\_comp=0; //end description  $log_2^{\phantom{\dagger}}n$ 

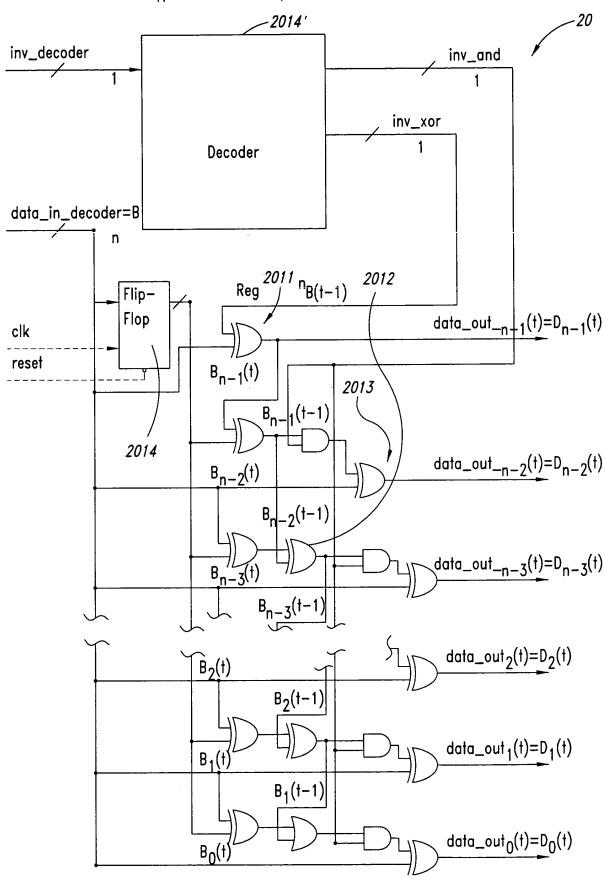


FIG. 13

#### Title: PROCESS AND DEVICES FOR TRANSMITTING DIGITAL SIGNALS OVER

BUSES AND COMPUTER PROGRAM PRODUCT THEREFORE

